

FIG.1

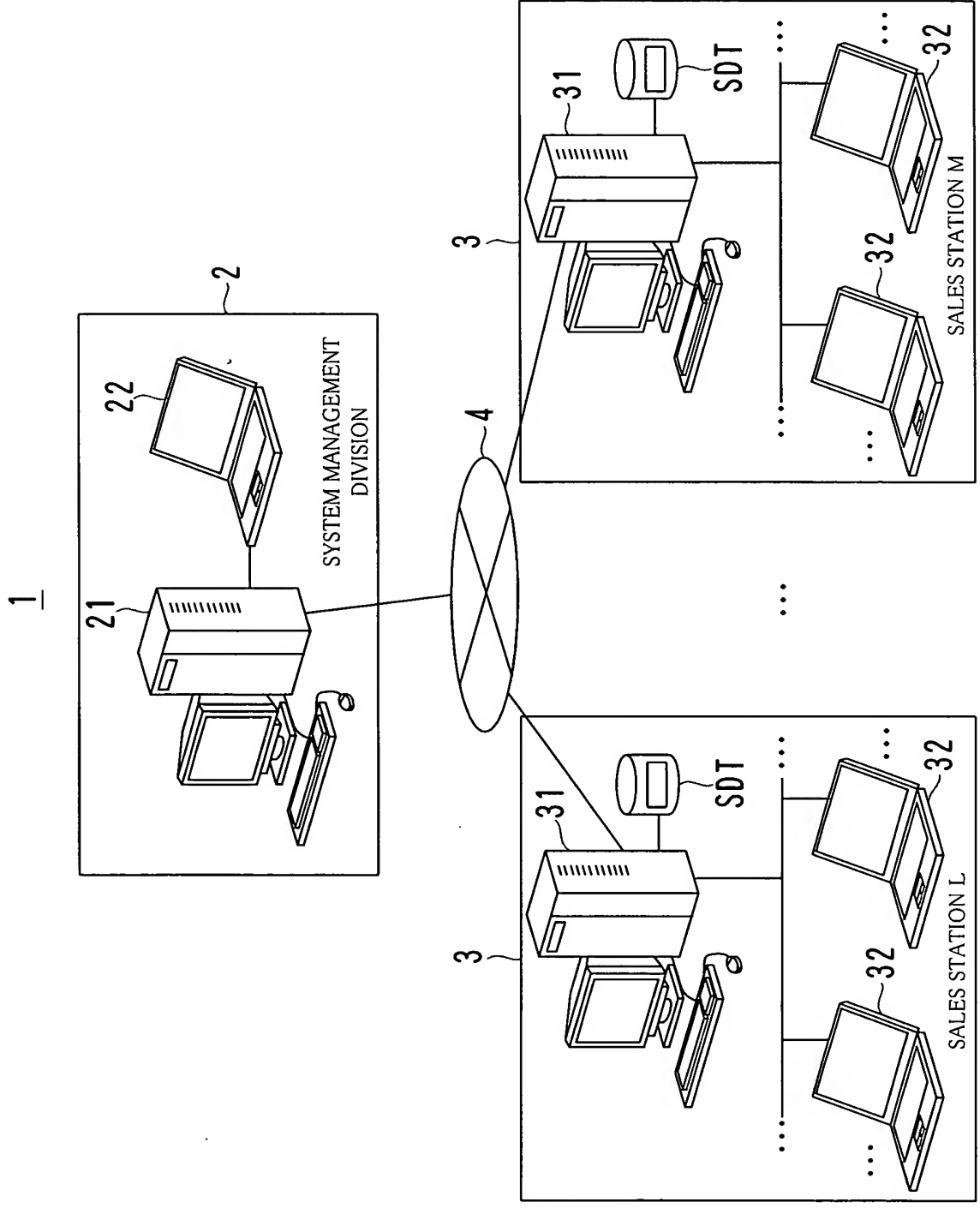
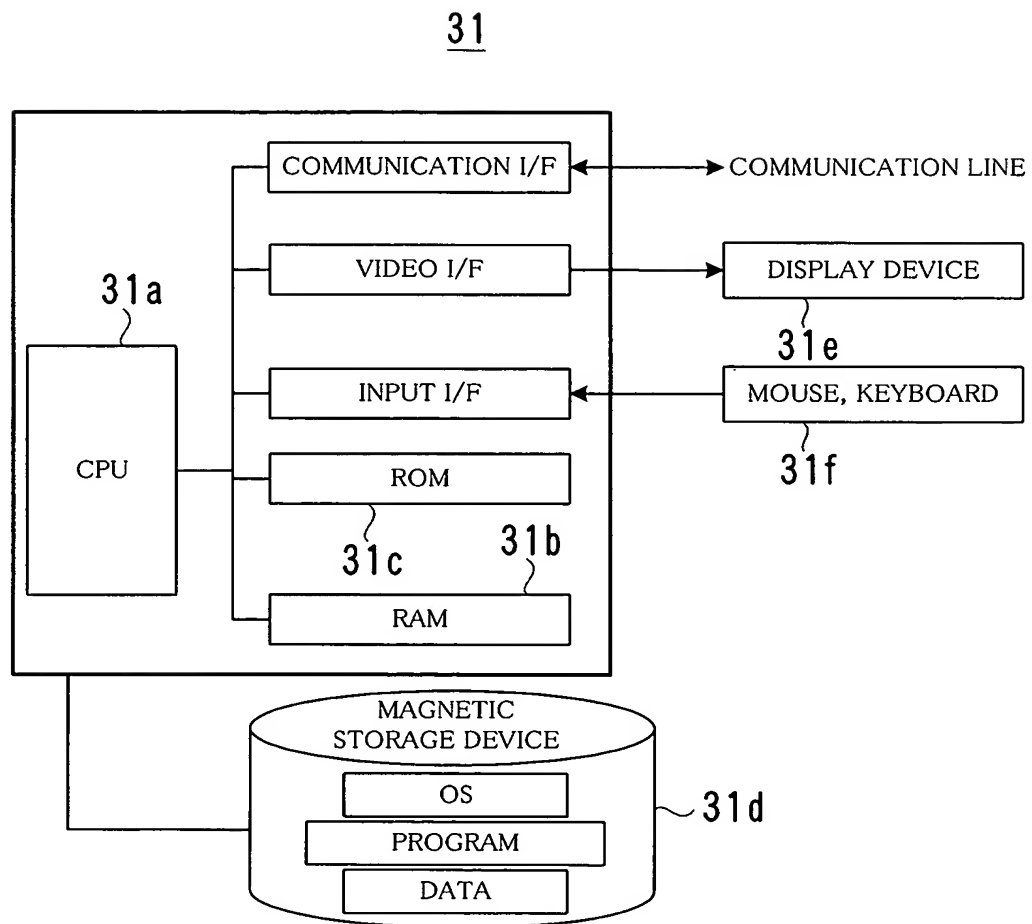


FIG.2



**FIG. 3**

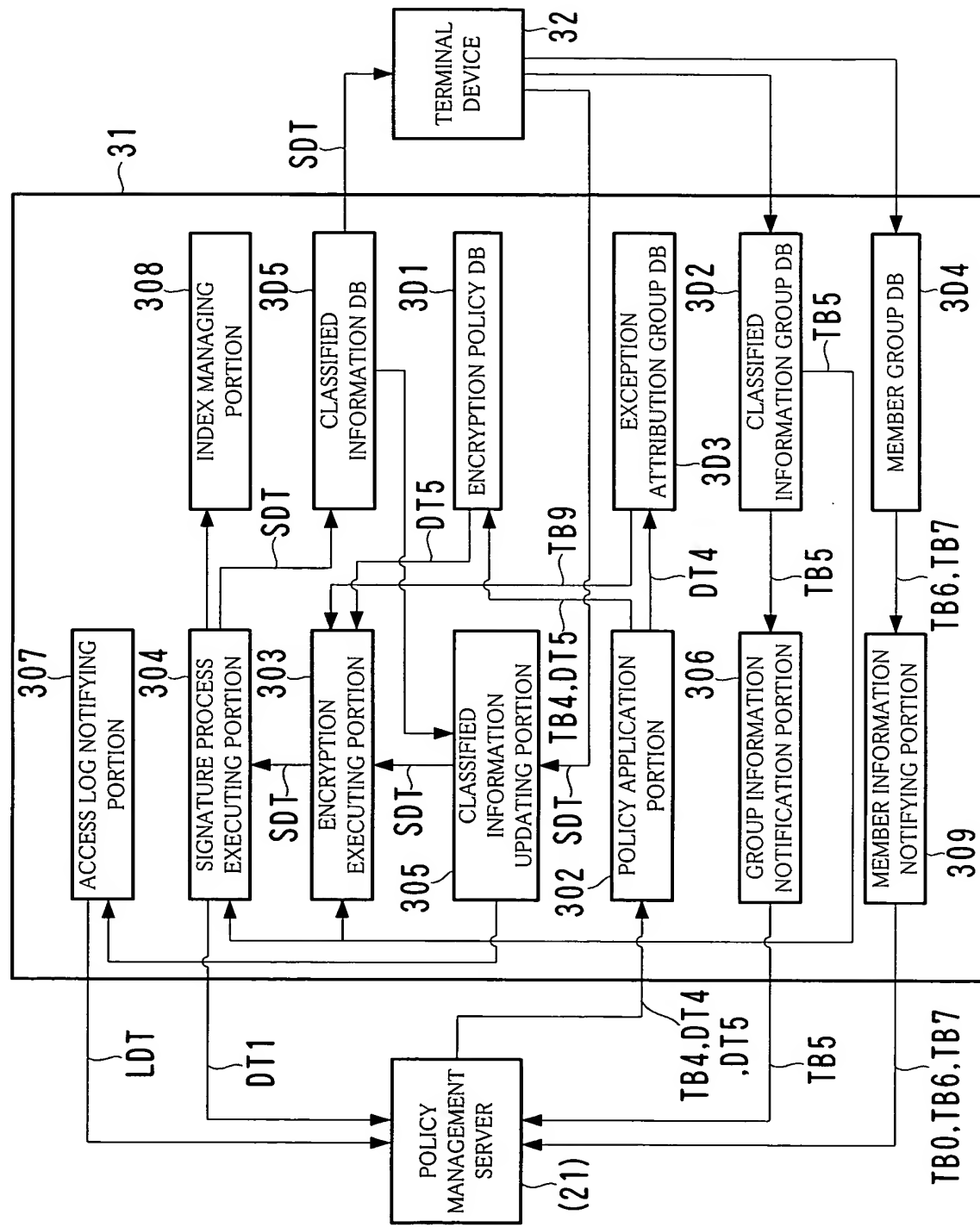


FIG. 4

2

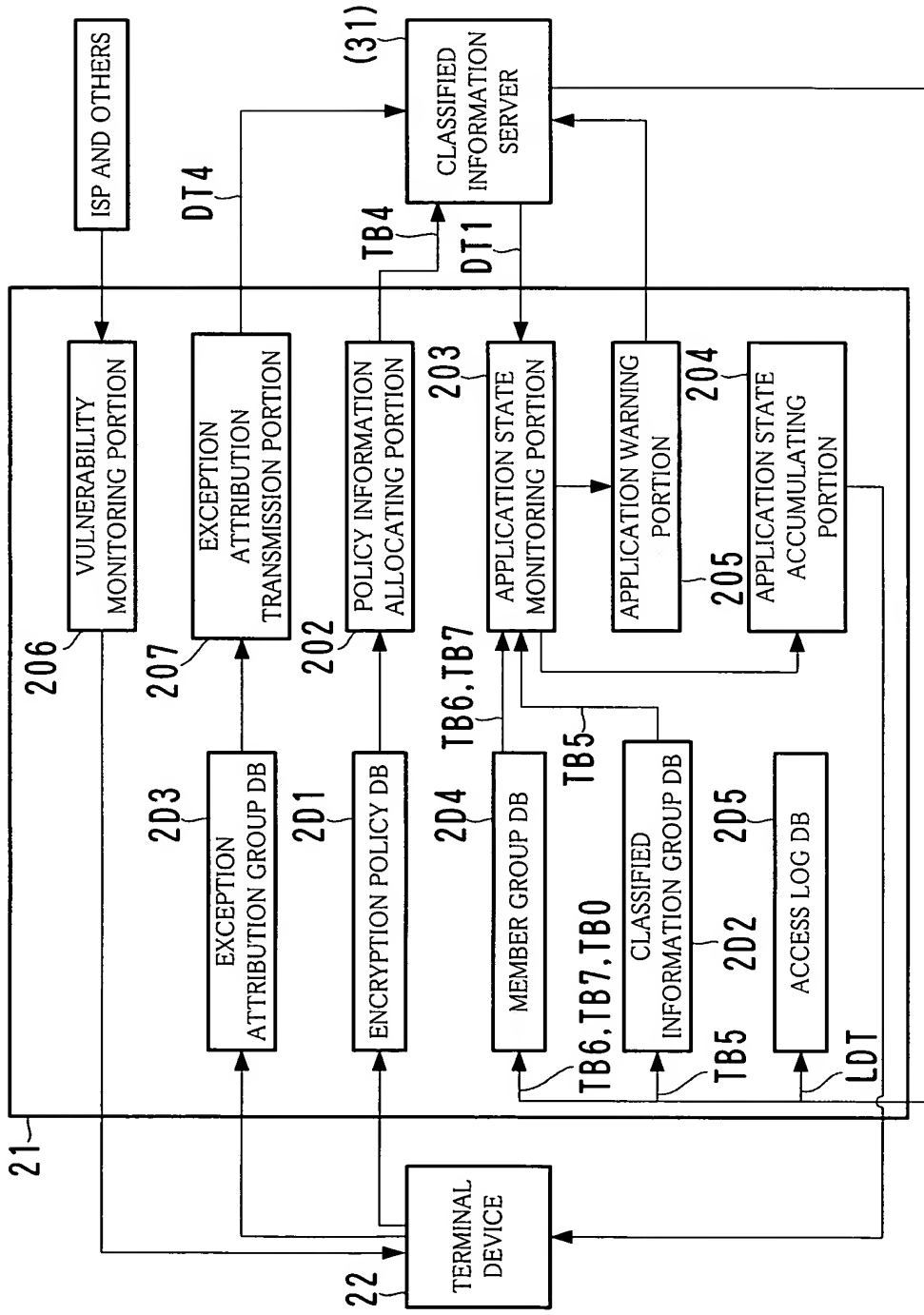


FIG.5

TB4

ENCRYPTION RANK	ENCRYPTION SYSTEM	UPDATE FREQUENCY ( EXPIRATION )	CLASSIFIED INFORMATION ( CLASSIFICATION )
A	$\alpha$ ENCRYPTION SYSTEM	60 DAYS	OUTSIDE CONFIDENTIAL INFORMATION ( CONFIDENTIAL LEVEL = HIGH )
B	$\beta$ ENCRYPTION SYSTEM	600 DAYS	INTRA-COMPANY PERSONNEL MATTER
C	$\gamma$ ENCRYPTION SYSTEM OR $\sigma$ ENCRYPTION SYSTEM	INDEFINITE PERIOD	CUSTOMER INFORMATION
D	$\beta$ ENCRYPTION SYSTEM	INDEFINITE PERIOD	EXTENSION NUMBER LIST INFORMATION OUTSIDE CONFIDENTIAL INFORMATION ( CONFIDENTIAL LEVEL = LOW )
$\vdots$	$\vdots$	$\vdots$	$\vdots$
$\vdots$	$\vdots$	$\vdots$	$\vdots$

TB5

[illegible]

FIG.7

TB6

SERVER ID	USER GROUP ( DIVISION )	MEMBER 1 ( STAFF 1 )	MEMBER 2 ( STAFF 2 )	...
S001	THE FIRST SECTION	AAA BBB	CCC DDD	...
	THE SECOND SECTION	EEE FFF	GGG HHH	...
	⋮	⋮	⋮	

FIG.8

TB7

SERVER ID	USER GROUP ( DIVISION )	MEMBER ( STAFF )	VALID TERM	SIGNATURE METHOD	THE NUMBER OF SIGNATURE BITS
S001	THE FIRST SECTION	AAA BBB	30/11/2005	RSA	1024 BITS
	THE FIRST SECTION	CCC DDD	30/06/2006	RSA	1024 BITS
	⋮	⋮	⋮	⋮	⋮

FIG.9

TB0a(TB0)

AAA BBB

SERVER ID	CLASSIFIED INFORMATION GROUP	DOCUMENT ID
S001	G1	004
S001	G1	077
S001	G3	200
⋮	⋮	⋮

TB0b(TB0)

CCC DDD

SERVER ID	CLASSIFIED INFORMATION GROUP	DOCUMENT ID
S001	G2	076
S001	G3	203
⋮	⋮	⋮

⋮



FIG.10

TB8

SALES STATION ( DIVISION )	CLASSIFICATION OF CLASSIFIED INFORMATION	ENCRYPTION RANK
SALES STATION M	TABLE OF INTRA-COMPANY PERSONNEL MATTER	A
SALES STATION L	METER READ INFORMATION TABLE	A
ENTIRE COMPANY	PAYMENT ACCOUNT TABLE	A
⋮	⋮	⋮

FIG.11

TB9

CLASSIFICATION OF CLASSIFIED INFORMATION	ENCRYPTION RANK	
TABLE OF INTRA-COMPANY PERSONNEL MATTER	A	DT4
PAYMENT ACCOUNT TABLE	A	DT4
⋮	⋮	

FIG.12

TB1

CUSTOMER NUMBER	NAME	ADDRESS	TEL. NUMBER	
A0001	III JJJ	CC TOWN, BB CITY, AA PREFECTURE	012-345-6789	SDT
A0002	KKK LLL	DD TOWN, BB CITY, AA PREFECTURE	012-345-0000	SDT
⋮	⋮	⋮	⋮	

FIG.13

TB2

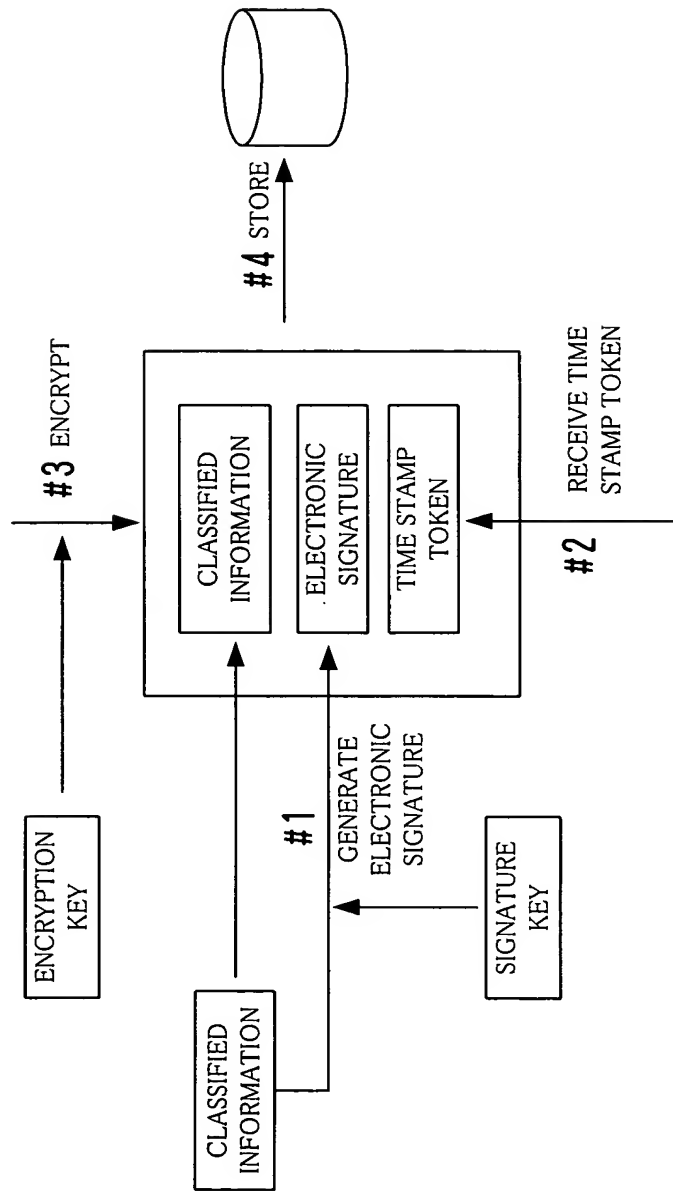
CUSTOMER NUMBER	METER READ VALUE	
A0001	950kWh	SDT
A0002	815kWh	SDT
⋮	⋮	

FIG.14

TB3

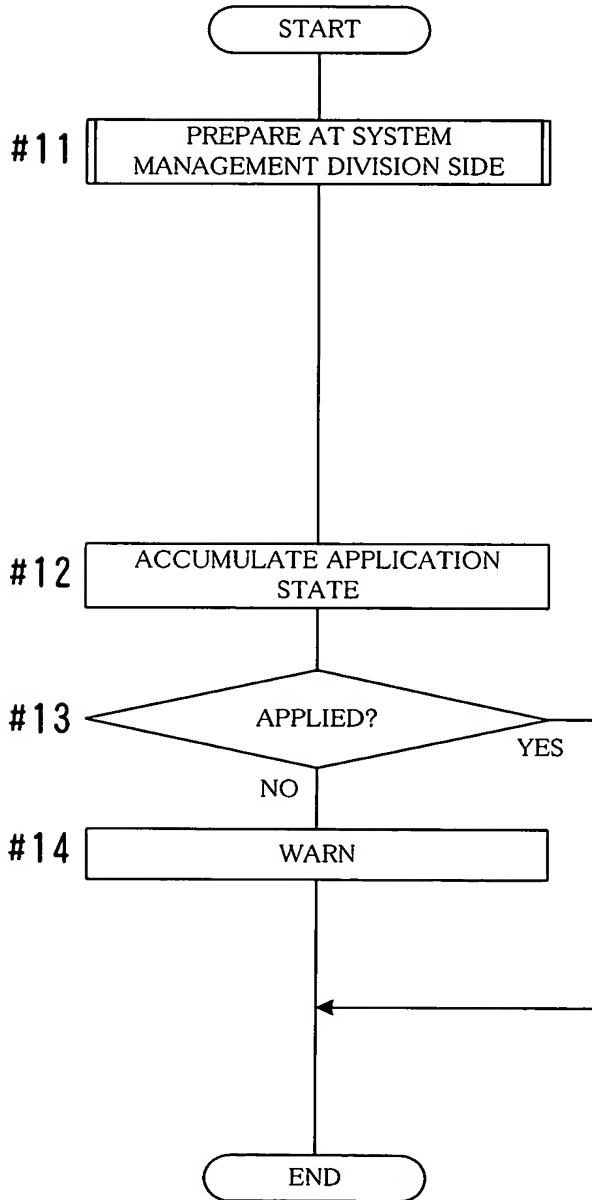
CUSTOMER NUMBER	PAYMENT METHOD	ACCOUNT NUMBER	
A0001	AUTOMATIC WITHDRAWAL	X BANK Y BRANCH SAVING ACCOUNT 012345	SDT
A0002	PAYMENT AT WINDOW	-	SDT
⋮	⋮	⋮	

FIG.15



# FIG.16A

ENCRYPTION SUPPORT SERVER



# FIG.16B

CLASSIFIED INFORMATION SERVER

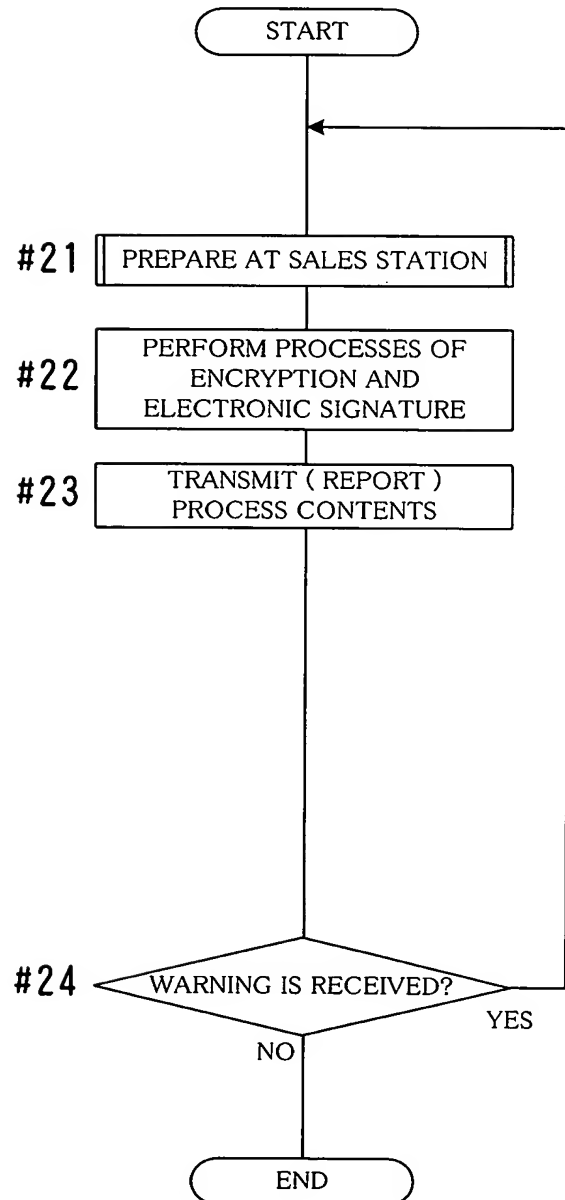


FIG.17

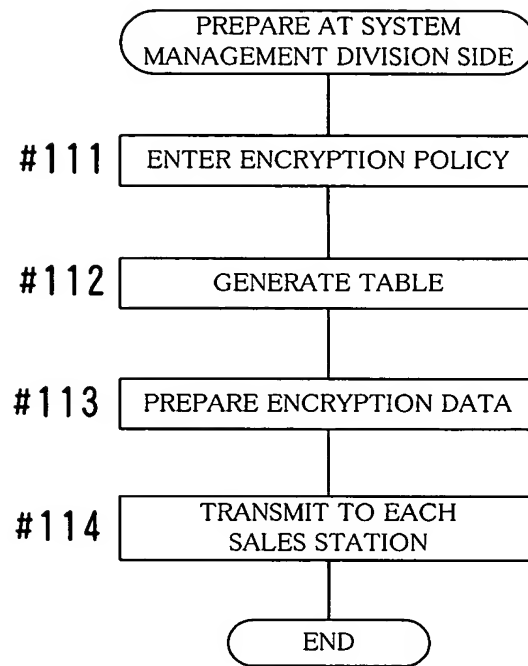


FIG.18

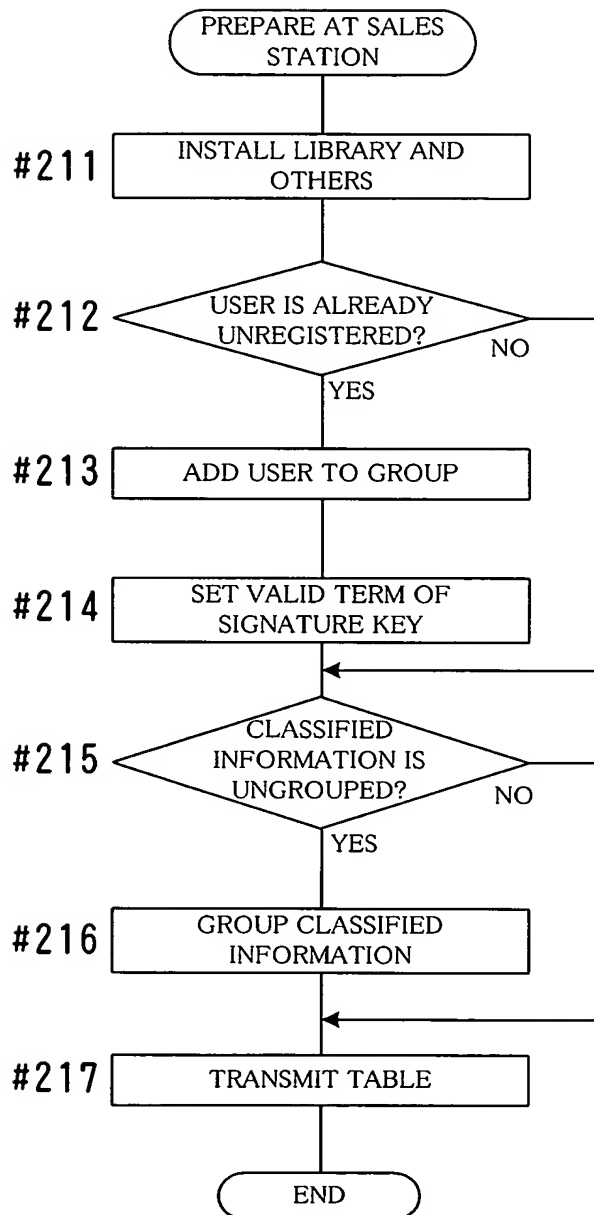


FIG.19A

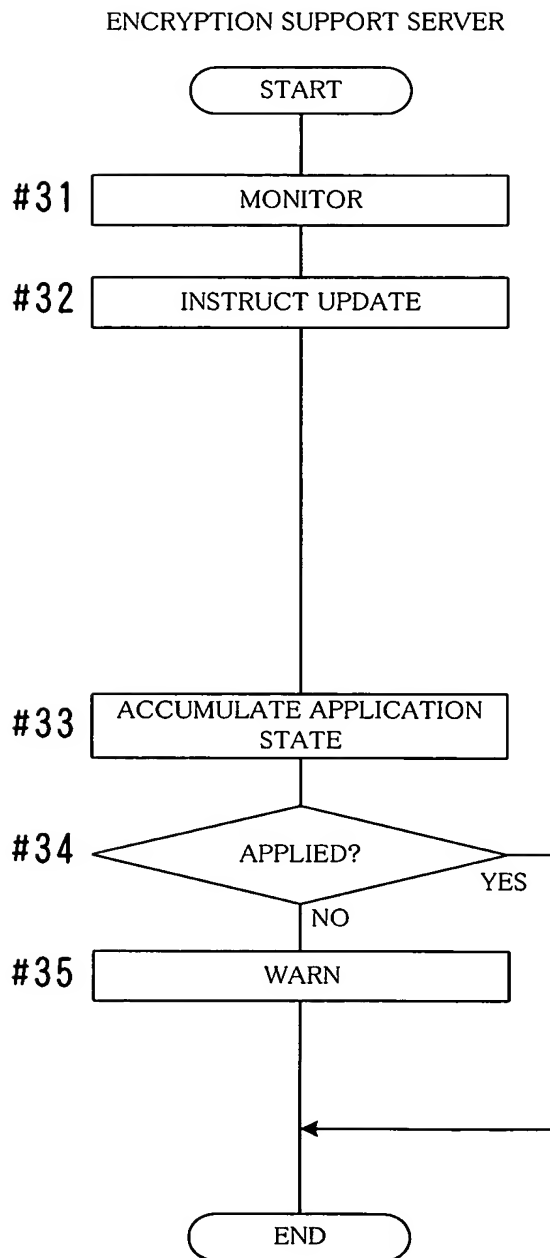


FIG.19B

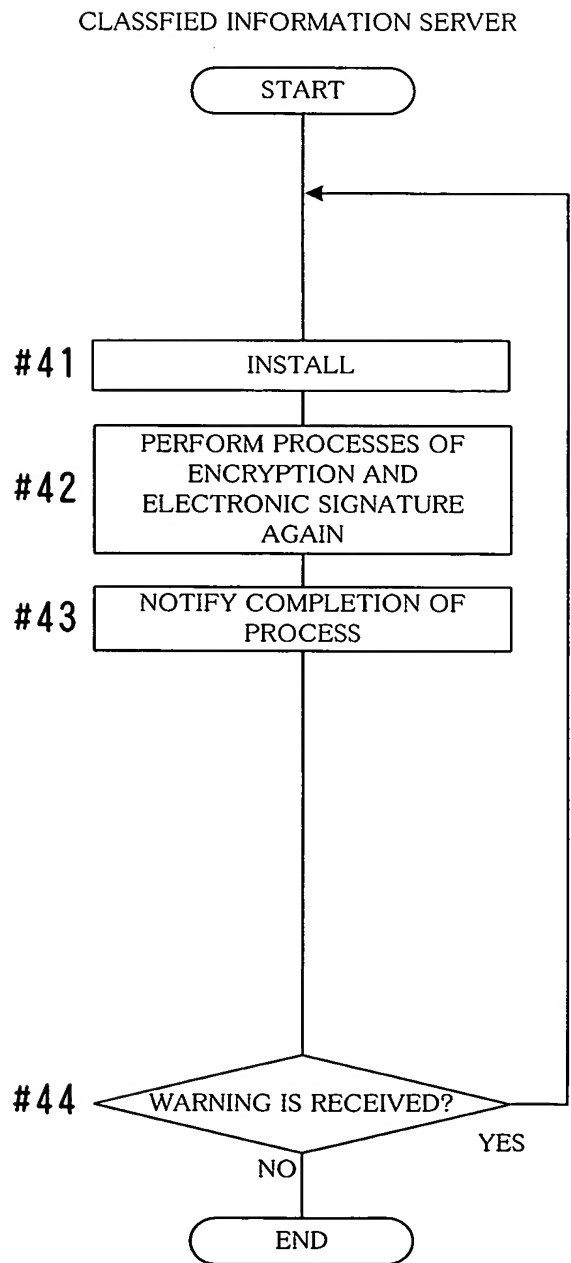


FIG.20

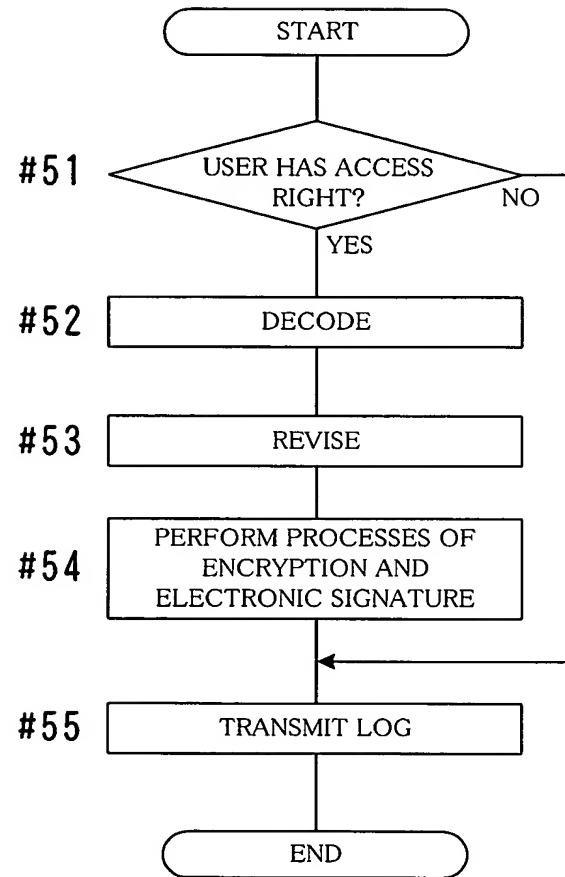




FIG.21

